

CLAIMS:

1. A pharmaceutical composition for enteric delivery of one or more pharmaceutically active amphetamine salts comprising:

(a) one or more pharmaceutically active amphetamine salts covered with an immediate release coating; and

(b) one or more pharmaceutically active amphetamine salts that are covered with an enteric release coating that provides for pulsed enteric release wherein the enteric release coating has a thickness of at least 25 μ .

2. The pharmaceutical composition of claim 1 wherein the one or more pharmaceutically active amphetamine salts are coated onto a core.

3. The pharmaceutical composition of claim 1 wherein the one or more pharmaceutically active amphetamine salts are incorporated into a core.

4. The pharmaceutical composition of claim 1, wherein the immediate release and enteric release portions of the composition are present on a single core.

5. The pharmaceutical composition of claim 1, wherein the immediate release and enteric release components are present on different cores.

6. A pharmaceutical composition for enteric delivery of one or more pharmaceutically active amphetamine salts comprising:

(a) one or more pharmaceutically active amphetamine salts covered with an immediate release coating;

(b) one or more pharmaceutically active amphetamine salts that are covered with an enteric release coating that provides for pulsed enteric release; and

(c) a protective layer between the at least one pharmaceutically active amphetamine salt and the enteric release coating.

7. The pharmaceutical composition of claim 6 wherein the one or more pharmaceutically active amphetamine salts are coated onto a core.
8. The pharmaceutical composition of claim 6 wherein the one or more pharmaceutically active amphetamine salts are incorporated into a core.
9. The pharmaceutical composition of claim 6 wherein the enteric release coating has a minimum thickness of 25 μ .
10. A pharmaceutical composition for delivering one or more pharmaceutically active amphetamine salts comprising:
 - (a) one or more pharmaceutically active amphetamine salts covered with an immediate release coating;
 - (b) one or more pharmaceutically active amphetamine salts that are covered with an enteric release coating that provides for pulsed enteric release; and
 - (c) a protective layer over the enteric release coating.
11. The pharmaceutical composition of claim 10 wherein the one or more pharmaceutically active amphetamine salts are coated onto a core.
12. The pharmaceutical composition of claim 10 wherein the one or more pharmaceutically active amphetamine salts are incorporated into a core.
13. The pharmaceutical composition of claim 10, wherein the immediate release and enteric release portions of the composition are present on a single core.
14. The pharmaceutical composition of claim 10, wherein the immediate release and enteric release components are present on different cores.
15. A pharmaceutical composition for delivery of at least one amphetamine salt, comprising:

(a) at least one pharmaceutically active amphetamine salt covered with an immediate release coating; and

(b) at least one pharmaceutically active amphetamine salt covered with an enteric release coating, said component (a) providing for an immediate release of amphetamine salt to provide a first blood level of amphetamine salt and component (b) providing a delayed pulsed-release of amphetamine salt that increases the blood level of amphetamine salt to a second level that is greater than the first level provided by component (a).

16. The pharmaceutical composition of claim 15 wherein the enteric release coating has a minimum thickness of 25 microns.

17. The pharmaceutical composition of claim 15 wherein the delayed pulsed-release is from 4 to 6 hours after administration of the pharmaceutical composition.

18. The pharmaceutical composition of claim 15 wherein the delayed pulsed-release, releases the amphetamine salt in about 30 to 60 minutes after initiation of the release.